

4492

30-045-09799

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit SW Sec. 2 Twp 30 Rng 9

Name of Well/Wells or Pipeline Serviced TURNER B COM #1

cps 38w

Elevation 5955 Completion Date 6/27/74 Total Depth 300' Land Type* N/A

Casing, Sizes, Types & Depths N/A

If Casing is cemented, show amounts & types used N/A

If Cement or Bentonite Plugs have been placed, show depths & amounts used
N/A

Depths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. 20'

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV.
DIST. 3

Type & amount of coke breeze used: 5400 lbs.

Depths anodes placed: 280', 270', 240', 230', 220', 210', 200', 190', 160', 150'

Depths vent pipes placed: N/A

Vent pipe perforations: 260'

Remarks: gb #2

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

*Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☐

Completion Date 6/27/74

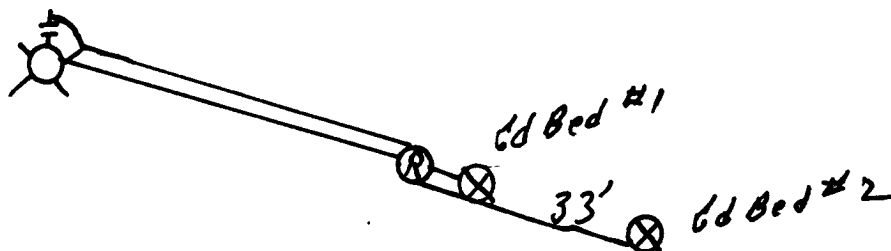
Well Name <u>TURNER B COM. #1</u>		Location <u>SW2-30N-9W</u>		CPS No. <u>38W</u>	
Type & Size Bit Used <u>6 3/4"</u>				Work Order No. <u>90147.19-50-20</u>	
Anode Hole Depth <u>300'</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>5,400 EST</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 <u>280</u>	# 2 <u>270</u>	# 3 <u>240</u>	# 4 <u>230</u>	# 5 <u>220</u>	# 6 <u>210</u>
# 7 <u>200</u>	# 8 <u>190</u>	# 9 <u>160</u>	# 10 <u>150</u>		
Anode Output (Amps)					
# 1 <u>6.0</u>	# 2 <u>4.6</u>	# 3 <u>4.6</u>	# 4 <u>5.5</u>	# 5 <u>6.0</u>	# 6 <u>5.5</u>
# 7 <u>5.5</u>	# 8 <u>5.0</u>	# 9 <u>6.0</u>	# 10 <u>5.5</u>		
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
# 17	# 18	# 19	# 20		
Anode Output (Amps)					
# 11	# 12	# 13	# 14	# 15	# 16
# 17	# 18	# 19	# 20		
Total Circuit Resistance	No. 8 C.P. Cable Used		No. 2 C.P. Cable Used		
Volts <u>11.5</u>	Amps <u>20.0</u>	Ohms <u>0.57</u>	<u>38"</u>		

Remarks: Drilled with Air To 20' Driller said
Water Switched To Mud Drill To 300'
Vent Hose Perforated 260'. Pumped 1 hour
Water Above Anodes. Second load of Water.
Pumped To Surface

All Construction Completed

Paul H. Furell
(Signature)

GROUND BED LAYOUT SKETCH



STORM WATER WELL DRILLING INC.

DIAMOND CORE DRILLING
DIAMOND DRILLING EQUIPMENT
GROUTING
FOUNDATION TESTING
MINING
QUARRYING
SHAFT SINKING
WATER WELL DRILLING

CONTRACTORS
14991 W. 44TH AVENUE
GOLDEN, COLORADO 80401
PHONE (303) 278-9505

GENERAL OFFICE
14991 W. 44TH AVENUE

BAILEY OFFICE
CALL 1-838-4821

Drill G.D 15W

Date 3-27-74

Owner C.P. S. 386

Location
City Farmington State IN County _____

[illegible]

Total Hours _____

Equipment Down Time _____

Hours Drilling _____

Driller Art Gschwend

Helper _____

Helper _____

C.P.S. Time _____

S.W.W.D.I. Time _____

Total Footage _____

Approval of
C.P.S. Engineer _____

Date: _____

By: _____

38W

$$- \alpha = 6.0$$

MW		gals/mol
16	C ₁	6.4
30	C ₂	9.56
44	C ₃	10.42
58	IC ₄	12.38
"	-NC ₅ -	11.93
72	IC ₅	13.85
"	NC ₆	13.71
86	IC ₆	15.50
"	C ₇	15.57
100	IC ₇	17.2
"	C ₈	17.46
114	C ₉	19.38
28	C ₁₀	9.64
42	C ₁₁	9.67

MSC		
MW		gal/mol
44	CO ₂	6.38
34	H ₂ S	5.17
28	N ₂	4.16
Σ	H ₂	3.38

40	1.7	⑤ 20	2.5			Dry 11er solid water
	1.2		2.5			@ 20' SW, Ten To Mo
50	1.2	④ 30	2.5			@ 20' Dry, Ned To 300'
	1.3		1.7			VENT Nose Perf. 260'
60	1.4	③ 40	2.2			
	1.5		1.7			
70	1.4	50	1.5			
	1.5		1.4			
80	1.7	60	1.4			
	1.8		1.6			
90	1.8	② 70	2.0			water
	1.8		1.4	1 280	4.1	6.0
100	1.9	② 80	2.6	2 270	3.2	4.6
	2.0		1.4	3 240	3.5	4.6
10	1.5	90	2.2	4 230	4.2	5.5
	1.5		2.0	5 220	4.3	6.0
20	1.4	300	2.0	6 210	3.6	5.5
	1.5			7 200	4.0	5.5
30	1.6			8 190	3.6	5.0
	1.9			9 180	4.5	6.0
40	2.0			10 150	3.6	5.5
	1.9					
50	2.1				11.5V 20.0A	0.57 ~
	2.3					
60	2.6					
	1.0					
70	1.0					
	1.2					
80	1.0					
	1.4					
90	2.3					
	2.5					
200	2.3					
	1.5					
10	2.3					
	1.5					